

Winter Wizard

Fast De-icer



APPLICATION

For de-icing purposes



PRODUCT COMPOSITION

This product can consist of the following chemicals:

Magnesium Chloride ($MgCl_2$) - Full Specification available upon Request

Sodium Chloride - Salt ($NaCl$) - Full Specification available upon Request

Calcium Chloride ($CaCl_2$) - Full Specification available upon Request



PROPERTIES

SODIUM CHLORIDE:

Form: crystalline

Colour: Colourless

Odour: Odourless

Data relevant for safety

pH-value in delivery state

Value

6 - 9

Temperature

20 °C

At

50 g/l

Method

DIN 38404-5
1013 hPa

Remark

neutral

Boiling point: 1461 °C

Melting point: 801 °C

MAGNESIUM CHLORIDE:



Form: Flakes

Colour: White

Odour: none

Change in physical state: Hygroscopic

Density (20°C): 1.6 gr/cm³

Bulk density: 800 - 900kg/m³

pH value: 8.2/ at 10% in aqueous solution

CALCIUM CHLORIDE:



Description White flake; granules or powder

Odour Odourless

Boiling Point > 1600°C

Melting Point (772°C)

Molecular Weight 111.0

Bulk Density 0.75 - 1.0 g/cm³

Water Solubility 745 g/l (20°C) with evolution of heat

Solvent Solubility Soluble in alcohol, acetic acid and acetone

pH solution 8 - 12 in 10% water solution



NOTE:

Note: Calcium chloride reacts violently with a mixture of boron oxide (B_2O_3) and calcium oxide (CaO). A violent polymerization occurs if calcium chloride is mixed with methyl vinyl ether. Calcium chloride reacts violently with bromine trifluoride (BrF_3)



PACKAGING

Available in 12kg & 5kg tubs with scoop
12kg Tubs – 56 Tubs per pallet